JC965 U.S. PTO
12/28/01

TRANSMITTAL LETTER
(General - Patent Pending)

Docket No
11675.184.

In Re Application Of: **Salman Akram**

Serial No.	Filing Date	Examiner	Group Art Unit
NOT YET ASSIGNED	**December 28, 2001**	**NOT YET ASSIGNED**	**NOT YET ASSIGNED**

Title: **CHIP PACKAGE WITH GREASE HEAT SINK AND METHOD OF MAKING**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Transmittal Letter (1 pg. in dup); Utility Patent Application Transmittal (4 pgs.);
Patent Application (23 pgs.); Oath, Dec. & Assignment (7 pgs.);
12 Sheets Drawing; PTO-2038;
Certificate of Express Mailing #EL813863681US;
Postcard

in the above identified application.

- ☐ No additional fee is required.
- ☒ A check in the amount of is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **23-3178** as described below. A duplicate copy of this sheet is enclosed.
 - ☐ Charge the amount of
 - ☒ Credit any overpayment.
 - ☒ Charge any additional fee required.

Dated: **December 28, 2001**

Signature

Jesus Juanos i Timoneda, Ph. D.
Attorney for Applicant
Reg. No. 43,332

022901

PATENT TRADEMARK OFFICE

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

Express Mail Label No. EL813863[illegible]US

01-12-02

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
11675.184.1

Total Pages in this Submission

JC965 U.S. PTO 12/28/01

TO THE ASSISTANT COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

CHIP PACKAGE WITH GREASE HEAT SINK AND METHOD OF MAKING

JC996 U.S. PTO 10/033233 12/28/01

and invented by:

Salman Akram

If a CONTINUATION APPLICATION, *check appropriate box and supply the requisite information:*

☐ **Continuation** ☒ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: **09/387,640**

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.:

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below

2. ☒ Specification having **23** pages and including the following:

 a. ☒ Descriptive Title of the Invention

 b. ☒ Cross References to Related Applications *(if applicable)*

 c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*

 d. ☐ Reference to Microfiche Appendix *(if applicable)*

 e. ☒ Background of the Invention

 f. [illegible]

 h. ☒ Detailed Description

 i. ☒ Claim(s) as Classified Below

 x. [illegible]

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

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Docket No.
11675.184.1

Total Pages in this Submission

Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
 - a ☒ Formal — Number of Sheets [illegible]
 - b ☒ Informal — Number of Sheets 12

4. ☒ Oath or Declaration
 - a ☐ Newly executed *(original or copy)* ☐ Unexecuted
 - b ☒ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
 - c ☒ With Power of Attorney ☐ Without Power of Attorney
 - d ☐ *DELETION OF INVENTOR(S)*
 Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Computer Program in Microfiche *(Appendix)*

7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
 - a ☐ Paper Copy
 - b ☐ Computer Readable Copy *(identical to computer copy)*
 - c ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers *(cover sheet & document(s))*

9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*

10. ☐ English Translation Document *(if applicable)*

11. [illegible]

13. ☒ Acknowledgment postcard

[illegible] ☒ [illegible] EL813863681US

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 11675.184.1
Total Pages in this Submission

Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☐ Additional Enclosures *(please identify below):*

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra		Rate	Fee
Total Claims	20	- 20 =	0	x	$18.00	$0.00
Indep. Claims	4	- 3 =	1	x	$84.00	$84.00
Multiple Dependent Claims (check if applicable)	☐					$0.00
					BASIC FEE	$740.00
OTHER FEE *(specify purpose)*						$0.00
					TOTAL FILING FEE	$824.00

☒ A check in the amount of to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below. A duplicate copy of this sheet is enclosed.

- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

December 28, 2001

022901

Attorney for Applicant
Reg. No. 43,332

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Akram			Docket No. 11675.184.1
Serial No.	Filing Date December 28, 2001	Examiner	Group Art Unit

Invention: CHIP PACKAGE WITH GREASE HEAT SINK AND METHOD OF MAKING

I hereby certify that the following correspondence:

Utility Patent Application (23 pages); Twelve (12) sheets of informal drawings; Copy of Assignment from priority application 09/387,640; Copy of Declaration, Petition and Power of Attorney from priority Application 09/387,640; Self-Addressed, stamped postcard to acknowledge receipt.

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

Dec. 28, 2001
(Date)

022901

PATENT TRADEMARK OFFICE

Tiffany Treadway
(Typed or Printed Name of Person Mailing Correspondence)

Tiffany Treadway
(Signature of Person Mailing Correspondence)

EL813863681 US
("Express Mail" Mailing Label Number)

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